

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 23 Feb 2021 until 23:59 on Wednesday 24 Feb 2021

Forecast Issued on Monday 22 Feb 2021 at 10:49

Confidence: High for windy conditions Tuesday and Wednesday and rain at times, and for more settled conditions later in week, but Low for details on amounts of rainfall and timings.

Headline for Tuesday 23 Feb 2021: Some bright spells but a mostly cloudy day with patchy rain. Windy but mild.

Mountain weather hazards on Tuesday 23 Feb 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

High Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Light rain	Light rain	Light rain	Dull	Dull	Light rain
Precipitation probability							
00%	00%	40%	50%	70%	30%	30%	60m

Forecast for Tuesday 23 Feb 2021

Weather: Any patchy mist or fog in valleys will clear overnight as cloud amounts increase and winds strengthen. Then a generally cloudy day, some brightness but also patchy rain. Perhaps some heavier outbreaks and becoming more persistent in evening

Chance of cloud free mountain/hill tops above 600m: 90% in early hours, 40 % by morning, but 10% in west at times and more generally after dark.

Visibility: Poor or very poor in mist and fog in early hours, otherwise good occasionally moderate beneath cloud, but broken cloud down to 600m by the morning and lowering to 400-500m at times in rain in west and more generally in evening, bringing poor visibility at height

Forecast for Tuesday 23 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/23 S	23/35 S	28/42 S	32/45 S	32/45 S	30/44 S	30/45 S	32/48 S	31/46 S
300	4/17 S	11/28 SE	18/40 S	17/38 S	17/36 S	17/37 S	19/40 S	20/42 S	19/41 S
Valley	6/18 SE	11/30 SE	14/36 S	16/38 S	17/39 S	17/38 S	17/38 S	18/40 S	18/39 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	2/-4	3/-4	3/-4	5/-2	6/0	7/1	7/1	7/2
300	3/1	4/-0	4/-1	5/1	7/3	8/4	9/5	9/5	9/5
Valley	4/3	6/2	7/3	7/3	9/6	10/7	10/7	10/7	10/7
Freezing Level*	900m	800m	900m	2400m	2200m	2500m	2500m	2400m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Windy at height with some chill effect, but generally mild. Some very strong gusty winds on lower leeward slopes as well. Strength of wind will bring risk of being blown over.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 22 Feb 2021	5.8mm	7.2mm	14.2mm

Forecast for Wednesday 24 Feb 2021

Weather: Cloudy, mild and windy with outbreaks of rain. Some heavier outbreaks in afternoon and evening and more persistent too, before clearing to showers late evening.

Maximum wind: South to southwest 25-30 gust 40mph, but 40 gust 55mph over higher tops, turning west and decreasing 20-25 gust 35mph late evening.

Chance of cloud free mountain/hill tops above 600m: 30% in east, but 10% in west

Visibility: Poor at height with extensive cloud above 500-600m, but lower in rain in west. Moderate occasionally poor beneath cloud too.

Temperature: **Valleys:** Plus 8C rising to 12C falling to plus 6C later
At 600m: Plus 8C falling to plus 4C later
Freezing level: Above the summits